

AN - 1991:206591 CAPLUS
 DN - 114:206591
 TI - Preparation of [(perfluoroalkyl)ethyl]thioureas and -carbodiimides
 IN - Bollens, Eric; Szonyi, Francois; Cambon, Aime
 PA - Atochem S. A., Fr.
 SO - Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DT - Patent
 LA - German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	DE4016071	A	19901129	DE 1990-4016071	19900518
	FR2647112	A	19901123	FR 1989-6639	19890522
	GB2231870	A	19901128	GB 1990-11287	19900521
	GB2231870	B	19920722		
	JP3027352	A	19910205	JP 1990-132453	19900522
	JP7037438	B	19950426		
	US5026910	A	19910625	US 1990-526992	19900522
	US5107021	A	19920421	US 1991-685305	19910412
PR	FR 1989-6639		19890522		
	US 1990-526992		19900522		

OS - MARPAT 114:206591
 AB - R(CH₂)₂X [X = isothiocyanato, N:C:N(CH₂)₂R₁, NHCSA; R, R₁ = C₂-16 perfluoroalkyl; A = (substituted) amino, ammonium salt, N-oxide, etc.] were prepd. Thus, Ph₃P in THF was added dropwise to n-C₄F₉(CH₂)₂N₃ and the mixt. was stirred 1 h, cooled to 0.degree., and CS₂ was added. The stirring continued 2 h without cooling to give n-C₄F₉(CH₂)₂N:C:S (I) in 69% yield.

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IT - 133600-49-4P 133600-50-7P 133600-51-8P
 133600-52-9P 133600-65-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)

RN - 133600-49-4 CAPLUS

CN - Thiourea, N,N'-bis(3,3,4,4,5,5,6,6,6-nonafluorohexyl)- (9CI) (CA INDEX NAME)

..00000091]

V 133600-50-7 CAPLUS

(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)- (9CI) (CA INDEX NAME)

[--00000092],

RN 133600-51-8 CAPLUS

CN Thiourea, N,N'-bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-
(9CI) (CA INDEX NAME)

[--00000093]

RN 133600-52-9 CAPLUS

CN Thiourea, N-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-N'-(3,3,4,4,5,5,6,6,6-nonafluorohexyl)- (9CI)
(CA INDEX NAME)

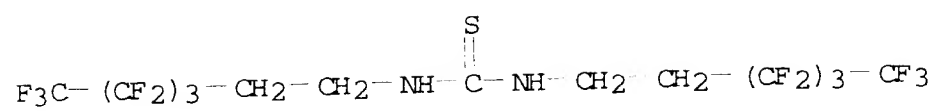
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RN 133600-65-4 CAPLUS

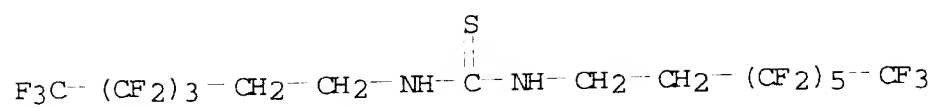
CN 1,2-Ethanediaminium, N,N,N',N'-tetramethyl-N,N'-bis[2-
[[thioxo[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)amino]methyl]
amino]ethyl]-, dibromide (9CI) (CA INDEX NAME)

[--00000095]

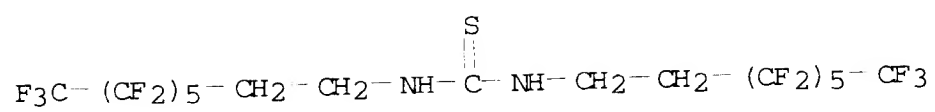
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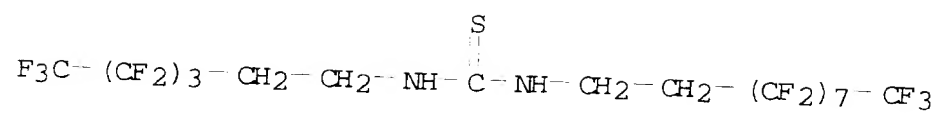
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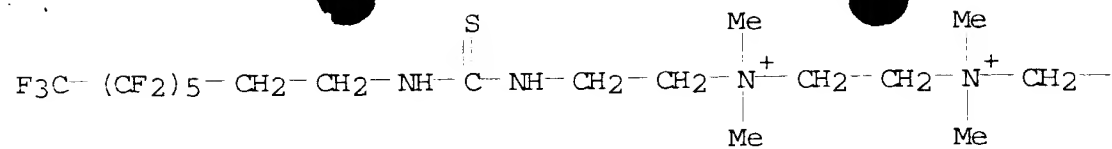
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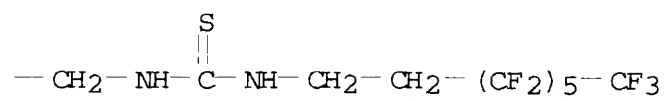
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# 2 Br⁻

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